

1986
ANNUAL PCB REPORT

UNION CARBIDE CORPORATION
SISTERSVILLE, WV

MPM0001262

EPA004822

LIQUID FILLED POWER CAPACITORS

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
1	Sub B NE Wall	3.1	17.6						
2	"	"	"						
3	"	"	"						
4	"	"	"						
5	Comp Bldg. 42 MCC	"	"						
6	"	"	"						
7	Steam Plant C-117E	"	"	1/82	1/82	Paden City	12/6/82	ENSCO	(1),(2)
8	"	"	"	"	"	"	"	"	"
9	Starter E Elliptical Bld	"	"	10/2/85	10/2/85	Sistersville Plant	10/1/86	CHEM WASTE	(4)
10	"	"	"	"	"	"	"	"	"
11	"	"	"	"	"	"	"	"	"
12	"	"	"	"	"	"	"	"	"
13	Sub A MCC	"	"						
14	"	"	"						
15	"	"	"						
16	Sub E1	10.0	56.8	9/16/86	9/16/86	Sistersville Plant			
17	"	"	"	"	"	"			
18	Sub E1 & E2	3.1	17.6						
19	"	"	"						
20	"	"	"						

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

- COMMENTS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.
 (2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.
 (3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.
 (4) Chemical Waste Management Disposal Facility - Located in Emelle, AL

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PAGE 1 of 11

MPM0001263

EPA004823

LIQUID FILLED POWER CAPACITORS

1980 1980

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB * (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
21	Sub E1 & E2	3.1	17.6						
22	"	"	"						
23	"	"	"						
24	"	"	"						
25	"	"	"						
26	"	"	"						
27	"	"	"						
28	"	"	"						
29	"	"	"						
30	Poly I Tank Farm MCC	"	"	12/26/85	12/26/85	Sistersville Plant	10/1/86	CHEM WSTE	(4)
31	"	"	"	"	"	"	"	"	"
32	"	"	"	"	"	"	"	"	"
33	"	"	"	"	"	"	"	"	"
34	"	"	"	"	"	"	"	"	"
35	"	"	"	"	"	"	"	"	"
36	Sub G MCC	"	"						
37	"	"	"						
38	Sub B MCC	"	"						
39	"	"	"						
40	"	"	"						

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PAGE 2 of 11

EPA004824

MPM0001264

LIQUID FILLED POWER CAPACITORS

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB * (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
41	Sub B MCC	3.1	17.6						
42	"	"	"						
43	"	"	"						
44	"	"	"						
45	"	"	"						
46	"	"	"						
47	"	"	"						
48	"	"	"						
49	"	"	"						
50	"	"	"						
51	"	"	"						
52	"	"	"						
53	Small Scale (SSP)	"	"	11/22/86	11/22/86	Sistersville Plant			
54	Sub D MCC	"	"						
55	"	"	"						
56	"	"	"	2/11/86	2/11/86	Sistersville Plant	10/1/86	CHEM WSTE	(4)
57	"	"	"						
58	Basement Bldg. 1	"	"						
59	"	"	"						
60	"	"	"						

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 (4) Chemical Waste Management Disposal Facility - Located in Emelle, Al

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PAGE 3 of 11

EPA004825

MPM0001265

LIQUID FILLED POWER CAPACITORS

YEAR 1980

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL.)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
61	Basement Bldg. 1	3.1	17.6						
62	"	"	"	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
63	"	"	"	"	"	"	"	"	"
64	"	"	"	"	"	"	"	"	"
65	"	"	"	"	"	"	"	"	"
66	"	"	"	"	"	"	"	"	"
67	"	"	"	"	"	"	"	"	"
68	"	"	"	"	"	"	"	"	"
69	"	"	"	"	"	"	"	"	"
70	"	"	"	"	"	"	"	"	"
71	"	"	"	"	"	"	"	"	"
72	"	"	"	11/6/78	11/7/78	Institute	11/8/79	Chem Waste Mgmt.	(3), (4)
73	"	"	"	"	"	"	"	"	"
74	"	"	"	"	"	"	"	"	"
75	"	"	"	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
76	Old 42 MCC	"	"						
77	"	"	"						
78	"	"	"	3/6/79	3/7/79	Institute	11/8/79	Chem Waste Mgmt.	(3), (4)
79	"	"	"	"	"	Paden City	12/6/82	ENSCO	(1), (2)
80	"	"	"	"	"	"	"	"	"

*Using a density of 5.675 Kg/Gal. (12.5 lbs/gal) for pure PCB.

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PAGE 4 of 11

MPM0001266

EPA004826

LIQUID FILLED POWER CAPACITORS

FORM 1900

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL.)	PCB* (KG)	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
81	Old 42 MCC	3.1	17.6	3/6/79	3/7/79	Paden City	12/6/82	ENSCO	(1), (2)
82	"	"	"	"	"	"	"	"	"
83	"	"	"	"	"	"	"	"	"
84	"	"	"	"	"	"	"	"	"
85	"	"	"	"	"	"	"	"	"
86	"	"	"	"	"	"	"	"	"
87	"	"	"	"	"	"	"	"	"
88	"	"	"	"	"	"	"	"	"
89	"	"	"	"	"	"	"	"	"
90	"	"	"	"	"	"	"	"	"
91	"	"	"	"	"	"	"	"	"
92	"	"	"	"	"	"	"	"	"
93	"	"	"	"	"	"	"	"	"
94	"	"	"	"	"	"	"	"	"
95	Bldg. 33	"	"						
96	Sub B Bank B3A	"	"						
97	"	"	"						
98	Sub B Bank B3B	"	"						
99	"	"	"						

*Using a density of 5.675 Kg/Gal. (12.5 lbs/gal) for pure PCB.

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PAGE 5 of 11

MPM0001267

EPA004827

YEAR 1986

*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB = $\frac{(\text{Gal})(3.76)(190 \text{ ppm})}{10^6}$

PAGE 7 of 11

EPA004829

MPM0001269

YEAR 1986

PCB ANNUAL INVENTORY
LIQUID FILLED POWER CAPACITORS

	<u>Quantity</u>	<u>x</u>	<u>PCB's</u> <u>(Kg Each)</u>	<u>=</u>	<u>PCB's</u> <u>(Kg Total)</u>
1. Capacitors in Service on 12/31/86	52		17.6		915.2
Total	52				915.2
2. Capacitors Removed from Service and Placed in Storage in 19 <u>86</u>	4		-		148.8
3. Capacitors in Storage from Previous Year on 1/1/ <u>86</u>	10		-		176.0
4. Capacitors Transported from Storage to Disposal in 19 <u>86</u>	11		-		193.6
5. Capacitors in Storage on 12/31/ <u>86</u> (2+3-4)	3		-		131.2
6. Capacitors Transported to Disposal in Previous Years	33		17.6		580.8
<hr/>					
Total of 1 + 4 + 5 + 6	99				1820.8
<hr/>					
Capacitors in Service on 7/2/78	99				1820.8
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PAGE 8 OF 11

V.11A.12

MPM0001270

EPA004830

YEAR 1986

PCB ANNUAL INVENTORY

TRANSFORMERS

	<u>Quantity</u>	<u>x</u>	<u>PCB's (Kg Each)</u>	<u>=</u>	<u>PCB's (Kg Total)</u>
1. Transformers in Service on 12/31/86	0		-		0
2. Transformers Removed from Service in <u>19 86</u>	0				0
3. Transformers in Storage from Previous Year(s) on 1/1/86	0		-		0
**4. Transformers Transported Off-Site in <u>19 86</u>	0		0		0
5. Transformers in Storage on 12/31/86 (2+3-4)	0		-		0
6. Transformers Transported in Previous Years	1		-		0.4
<hr/>					
Total of 1 + 4 + 5 + 6	1				0.4
<hr/>					
*Transformers in Service on 7/2/78	1				0.4

*Based on 6/14/84 retest of PCB content on Transformer #25. Retest showed 112 ppm; previously used PCB content was 99 ppm.

**Transformer sold to Electric Equipment Company (Rochester, NY) on 10/29/84 for conversion to non-PCB transformer. Shipped 11/15/84.

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Jonathan D. 5/8/87
J. G. Orr

PAGE 9 OF 11

V.02A.26

MPM0001271

EPA004831

YEAR 1986

PCB ANNUAL INVENTORY

HEAT TRANSFER FLUIDS

	<u>PCB's</u> <u>(Kg Total)</u>
1. Heat Transfer Fluid in Service on 12/31/ <u>86</u>	0
2. Heat Transfer Fluid Removed from Service and Placed in Storage in <u>1986</u>	0
3. Heat Transfer Fluid in Storage from Previous Year on 1/1/ <u>86</u>	0
4. Heat Transfer Fluid Transported from Storage to Disposal in <u>1986</u>	0
5. Heat Transfer Fluid in Storage on 12/31/ <u>86</u>	0

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PAGE 10 of 11

MPM0001272

EPA004832

Heat Transfer Fluids

YEAR 1986

[illegible]

*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB = (Gal)(3.76)(190 ppm)

(1) Sistersville Plant storage site - owned and operated by Union Carbide Corp.

(2) Rollins Environmental Services, Inc. (TX) Location Deer Park, Texas

10

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Dec 5/8/57

PAGE 11 of 11

MPM0001273

EPA004833